

5-YEAR TEST REPORT FOR PRIVATE FIRE HYDRANTS

(Updated 4/29/04)

(use one form for each hydrant)

Section 1001.5.2 of the California Fire Code allows the chief to require periodic testing of fire hydrant systems. In Mountain View, private hydrants are required to be tested every 5 years and a record of the test maintained on the premises. The following test record can be used to fulfill this annual test requirement. The test shall be conducted by a State Licensed contractor.

Address of Building _____

Building/Complex Name _____

Building Owner/Manager _____

Mailing Address _____

Phone _____ Date of Construction _____

Hydrant # _____ Hydrant Location _____

State Licensed Contractor Name _____ License # _____

Inspector Name _____ Inspector Phone _____ Test Date _____

Test Procedure:

Locate the residual hydrant and do the following:

- Flush the residual hydrant to eliminate sediment that may damage the gauge;
- Install the outlet cap equipped with the pressure gauge on the hydrant nozzle;
- Open the hydrant valve slowly until the air is vented, close the vent and open the outlet valve fully;
- Read the gauge. This is the static pressure reading. Record this reading below.

Locate the flow hydrant, attach the diffuser, and conduct the test as follows:

- Station one observer at the residual hydrant and one observer at the flow hydrant;
- Open the flow hydrant slowly until fully open;
- When the pressure at the residual hydrant is stabilized, the observer signals the person stationed at the flow hydrant to take the reading. The readings for residual pressure and the pitot gauge reading must be taken simultaneously. The air should be exhausted from the flowing hydrant before the reading is taken. For an accurate reading, hold the pitot gauge in the center of the nozzle, with the axis of the pitot gauge opening parallel to the direction of flow by inserting it into the large slot provided on the hydrant diffuser.
- Record the residual reading and the pitot gauge reading at each respective hydrant. Then slowly close the flow hydrant.

- ☐ Site map showing locations and designations of on-site fire hydrants is shown below.
- ☐ All underground and exposed piping was flow tested according to the above procedure to determine the internal condition of the piping.
 - Static pressure (psi) _____ Residual pressure (psi) _____
 - Water flow (gpm) _____ Barrel size (inches) _____

Site Map of On-Site Fire Hydrants: (include numerical designations and location of key valve)

Return completed form to:
City of Mountain View Fire Department
1000 Villa Street
Mountain View, CA 94041
Attn: Fire Marshal

